



High Speed Precision Non Contact Spraying System Piezoelectric Jetting Dispensing Valve Can Handle Low Medium High Ultra High Viscosity Media

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Mingseal
- Certification: ISO CE
- Model Number: KPS4000 Piezoelectric Jetting Valve
- Minimum Order Quantity: 1
- Price: \$1-\$10000
- Packaging Details: wooden box
- Delivery Time: 5-60days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000



Product Specification

- Highlight: Non Contact Spraying System, High Speed Spraying System, Precision Spraying System



More Images



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Product Description

KPS4000 Series Piezoelectric Jetting Dispensing Valve

KPS4000 piezoelectric jet dispensing controller is a new generation of high-speed, precision, non-contact spraying system that can handle low, medium, high and ultra-high viscosity media. Depending on the application medium, this type can be UV, anti-corrosion, PUR Type etc. You can choose from the configuration.



Features and Advantages

1. Reduce usage costs: Cancel the nozzle sealing seat + 1 sealing ring to reduce the cost of valve body consumables.
2. Improve maintenance convenience: adopt a new structural design of top calibration + nozzle position fixation to improve the stability of glue spraying and the convenience of process maintenance.
3. Optimize wiring space: Optimize the design of the piezoelectric valve control cable (2 control lines are merged into 1) to save wiring space.
4. Support online modification of process parameters: support fast switching of 10 channel parameters, and realize real-time switching of process parameters during operation through the external IO interface.
5. Precision glue control mode: smaller valve opening time (0.01ms), smaller delay time (0.1ms), more accurate glue spraying process parameters, and stable control of small glue amounts.
6. Online detection function of glue spraying pulse number: real-time monitoring of the number of glue spraying and the number of lost dots, which can facilitate the troubleshooting of signal loss problems with dispensing equipment.
7. Valve body closed-loop detection function: If there is an abnormal problem of missing points due to poor cable contact during the glue spraying process, detection and alarm reminders can be carried out.
8. Visual fault management: fault information is prompted in Chinese and English, providing accurate equipment fault location.

Technical Specification

KPS4000 Piezoelectric Jetting Valve		KPS4000 Piezoelectric Jetting Valve Controller	
Supply Pressure Range	0.1-8 Bar	Rated Power Supply	AC 220V±20%
Viscosity Range	Medium and high viscosity up to 50000mpas	Dispensing time and min.step 0.01ms-6000.00ms,0.01ms	

Maimum Jetting Freq	1200Hz	Jetting Freq	1~1200Hz
Working Temp.Range	10 50°C	Display	TFT color screen
Corrosion Resistance	All water-based glue,organic solvents,weak acids and alkali	Parameters memory	10 sets
Valve Dimensions	125.5×40×20mm(w/o runner)	Reserved Interface	Supporting STD.RS232/RS485 MODBUS RTU agreement
	125.5×75×20mm(runner assembled)	Controller Weight	3.55KG
Valve Weight	405g(with runner,w/o cable)	Controller Dimensions	232×170×165mm
Supply Pressure Range	0.1 8 Bar	Rated Power	275W



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